

JP01-143827 A
CAPSULE
FUJI CAPSULE KK

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Abstract:

PURPOSE: To obtain capsules having improved strength at bonded edge parts, capable of thinning a film itself and smoothly releasing a drug, etc., by protruding bond face parts in the outer peripheral direction to form sheath parts, opposingly bond the sheath each other to make a framed shape. **CONSTITUTION:** Outer peripheral parts 13 and 17 of an upper film 12 and a lower film 16 of halved ellipse are protruded in the outer direction to form sheath parts 14 and 18. Contents 11 to be sealed are packed into between the upper film 12 and the lower film 16, tacky faces 15 and 19 of the sheath parts 14 and 18 are mutually opposed and bonded under pressure or heat sealing. The tacky area can be enlarged by the shape of the sheath part, bonding strength can be improved, the film itself can be thinned, the film is readily dissolved in the body and a drug is smoothly released. A multi-layer film is readily adopted and consequently, an aqueous solution, etc., which have been difficult to capsule can be encapsulated.

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Applicant: Fuji Capsule K.K.

Title of the Invention: Capsule

Claims:

1. A capsule composed of a pair of hemispheres which have each a ridge portion on the outer circumference, said ridge portions are adhered each another.

In the Specification:

The preferable capsule of the present invention is a multilayered soft capsule having an outer film made of a capsule substrate such as gelatin, carrageenan, and inner film of which physical properties such as water-proofness are different from the above film, made of starch

As additives (plasticizer) to the films, glycerol, polyethylene glycerol may be used.